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(FILE 'HOME' ENTERED AT 17:44:44 ON 16 MAY 2007)

FILE 'MEDLINE, CAPLUS, BIOSIS, SCISEARCH, LIFESCI' ENTERED AT 17:45:12 ON 16 MAY 2007

L1 16134 S (LYSOSOMAL OR FABRY) (3A) (DISEASE OR DISORDER)  
L2 178921 S LYSOSOMAL(4A)HYDROLASE OR GALACTOSIDASE OR SULFATASE OR NEURA  
L3 1476 S (TREAT? OR INHIBIT? OR AMELIORAT? OR DECREAS? OR REDUC?) (8A)L  
L4 566 S L2 AND L3  
L5 407 S L2(P)L3  
L6 27875 S (GENE OR DNA OR CDNA OR POLYNUCLEOTIDE OR NUCLEIC(W)ACID) (8A)  
L7 41 S L3(P)L6  
L8 41 S L4 AND L7  
L9 28 DUP REM L8 (13 DUPLICATES REMOVED)

=> d au ti so pi 1-28 19

L9 ANSWER 1 OF 28 MEDLINE on STN DUPLICATE 1  
AU Santamaria R; Blanco M; Chabas A; Grinberg D; Vilageliu L  
TI Identification of 14 novel GLB1 mutations, including five deletions, in 19  
patients with GM1 gangliosidosis from South America.  
SO Clinical genetics, (2007 Mar) Vol. 71, No. 3, pp. 273-9.  
Journal code: 0253664. ISSN: 0009-9163.

L9 ANSWER 2 OF 28 CAPLUS COPYRIGHT 2007 ACS on STN  
AU Sirrs, Sandra M.; Clarke, Joe T. R.  
TI Agalsidase alfa therapy for Fabry disease  
SO Expert Review of Endocrinology & Metabolism (2007), 2(2), 147-154  
CODEN: EREMBI; ISSN: 1744-6651

L9 ANSWER 3 OF 28 CAPLUS COPYRIGHT 2007 ACS on STN  
AU Marino, Silvia; Borsini, Walter; Buchner, Susanna; Mortilla, Marzia;  
Stromillo, Maria L.; Battaglini, Marco; Giorgio, Antonio; Bramanti,  
Placido; Federico, Antonio; De Stefano, Nicola  
TI Diffuse structural and metabolic brain changes in Fabry disease  
SO Journal of Neurology (2006), 253(4), 434-440  
CODEN: JNRYA9; ISSN: 0340-5354

L9 ANSWER 4 OF 28 CAPLUS COPYRIGHT 2007 ACS on STN  
IN Fan, Jian-Qiang  
TI Combination therapy for treating protein deficiencies  
SO PCT Int. Appl., 40 pp.  
CODEN: PIXXD2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074450	A2	20040902	WO 2004-US4909	20040218
WO 2004074450	A8	20041104		
WO 2004074450	A3	20050825		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI			
RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
US 2004219132	A1	20041104	US 2004-781356	20040217
CA 2516304	A1	20040902	CA 2004-2516304	20040218
EP 1594514	A2	20051116	EP 2004-712428	20040218
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
BR 2004007648	A	20060221	BR 2004-7648	20040218

CN 1750834	A	20060322	CN 2004-80004467	20040218
JP 2006517980	T	20060803	JP 2006-503707	20040218
IN 2005DN04230	A	20070427	IN 2005-DN4230	20050919

L9 ANSWER 5 OF 28 CAPLUS COPYRIGHT 2007 ACS on STN  
 IN Cheng, Seng H.; Meeker, David  
 TI Combined enzyme replacement, gene therapy and small molecule therapy for  
 lysosomal storage diseases

SO U.S. Pat. Appl. Publ., 35 pp., Cont.-in-part of U.S. Ser. No. 884,526.

CODEN: USXXCO

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	US 2004204379	A1	20041014	US 2004-758773	20040116
	US 2002095135	A1	20020718	US 2001-884526	20010619

L9 ANSWER 6 OF 28 SCISEARCH COPYRIGHT (c) 2007 The Thomson Corporation on  
 STN

AU Masson C (Reprint); Cisse D; Simon V; Insalaco P; Audran M

TI Fabry disease: a review

SO JOINT BONE SPINE, (SEP 2004) Vol. 71, No. 5, pp. 381-383.

ISSN: 1297-319X.

L9 ANSWER 7 OF 28 MEDLINE on STN DUPLICATE 2

AU Ziegler Robin J; Lonning Scott M; Armentano Donna; Li Chester; Souza David  
 W; Cherry Maribeth; Ford Christine; Barbon Christine M; Desnick Robert J;  
 Gao Guangping; Wilson James M; Peluso Richard; Godwin Simon; Carter Barrie  
 J; Gregory Richard J; Wadsworth Samuel C; Cheng Seng H

TI AAV2 vector harboring a liver-restricted promoter facilitates sustained  
 expression of therapeutic levels of alpha-galactosidase A and  
 the induction of immune tolerance in Fabry mice.

SO Molecular therapy : the journal of the American Society of Gene Therapy,  
 (2004 Feb) Vol. 9, No. 2, pp. 231-40.

Journal code: 100890581. ISSN: 1525-0016.

L9 ANSWER 8 OF 28 MEDLINE on STN DUPLICATE 3

AU Palla A; Widmer U; Straumann D

TI Head-impulse testing in Fabry disease--vestibular function in male and  
 female patients.

SO Acta paediatrica (Oslo, Norway : 1992). Supplement, (2003 Dec) Vol. 92,  
 No. 443, pp. 38-42; discussion 27.

Journal code: 9315043. ISSN: 0803-5326.

L9 ANSWER 9 OF 28 CAPLUS COPYRIGHT 2007 ACS on STN

IN Garger, Stephen J.; Turpen, Thomas H.; Kumagai, Monto H.

TI Production of human glucocerebrosidase and  $\alpha$  galactosidase  
 in transgenic tobacco plants and their potential use in enzyme replacement  
 therapy and treatment of lysosomal storage  
 diseases

SO U.S. Pat. Appl. Publ., 88 pp., Cont.-in-part of U. S. Ser. No. 626,127.

CODEN: USXXCO

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	US 2002088024	A1	20020704	US 2001-993059	20011113
	US 6887696	B2	20050503		
	AU 9918610	A	19990506	AU 1999-18610	19990305
	AU 741443	B2	20011129		
	US 6846968	B1	20050125	US 2000-626127	20000726
	US 2003106095	A1	20030605	US 2002-103327	20020320
	US 6890748	B2	20050510		
	US 2004016021	A1	20040122	US 2003-602219	20030623
	US 2004023281	A1	20040205	US 2003-602220	20030623
	US 2004234516	A1	20041125	US 2004-851388	20040521
	US 2005125859	A1	20050609	US 2004-984389	20041108

L9 ANSWER 10 OF 28 CAPLUS COPYRIGHT 2007 ACS on STN  
 IN Selden, Richard F.; Borowski, Marianne; Kinoshita, Carol M.; Treco,  
 TI Douglas A.; Williams, Melanie D.; Schuetz, Thomas J.; Daniel, Peter F.  
 Purification of recombinant  $\alpha$ -galactosidase A and its  
 glycosylation modification for treatment of Fabry  
 disease and related therapy by targeted gene activation  
 SO U.S., 39 pp., Cont.-in-part of U. S. Ser. No. 928,881.  
 CODEN: USXXAM

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6458574	B1	20021001	US 1999-266014	19990311
WO 9811206	A2	19980319	WO 1997-US16603	19970912
WO 9811206	A3	19980813		
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW				
RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
US 6083725	A	20000704	US 1997-928881	19970912
CA 2365923	A1	20000914	CA 2000-2365923	20000309
WO 2000053730	A2	20000914	WO 2000-US6118	20000309
WO 2000053730	A3	20010315		
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 200035194	A	20000928	AU 2000-35194	20000309
EP 1163349	A2	20011219	EP 2000-913825	20000309
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
HU 200200467	A2	20020629	HU 2002-467	20000309
JP 2002538183	T	20021112	JP 2000-603353	20000309
NZ 514077	A	20040227	NZ 2000-514077	20000309
RU 2248213	C2	20050320	RU 2001-127533	20000309
NO 2001004415	A	20011112	NO 2001-4415	20010911
AU 762400	B2	20030626	AU 2001-93403	20011123
US 2003077806	A1	20030424	US 2002-165060	20020607
US 2003113894	A1	20030619	US 2002-165968	20020610
AU 2003220717	A1	20030814	AU 2003-220717	20030722
AU 2004242550	A1	20050127	AU 2004-242550	20041231

L9 ANSWER 11 OF 28 MEDLINE on STN DUPLICATE 4  
 AU Ashley Grace A; Desnick Robert J; Gordon Ronald E; Gordon Jon W  
 TI High overexpression of the human alpha-galactosidase A  
 gene driven by its promoter in transgenic mice: implications for  
 the treatment of Fabry disease.  
 SO Journal of investigative medicine : the official publication of the  
 American Federation for Clinical Research, (2002 May) Vol. 50, No. 3, pp.  
 185-92.  
 Journal code: 9501229. ISSN: 1081-5589.

L9 ANSWER 12 OF 28 CAPLUS COPYRIGHT 2007 ACS on STN  
 AU Germain, Dominique Paul  
 TI Fabry disease ( $\alpha$ -galactosidase A deficiency):  
 pathophysiology, clinical signs and genetics aspects  
 SO Journal de la Societe de Biologie (2002), 196(2), 161-173  
 CODEN: JDSBFG; ISSN: 1295-0661

L9 ANSWER 13 OF 28 CAPLUS COPYRIGHT 2007 ACS on STN  
 AU Takiyama, Nobuaki  
 TI Retroviral mediated gene transfer to human CD34+ hematopoietic cells: gene therapy of Gaucher and Fabry diseases  
 SO Keio Igaku (2002), 79(1), T143-T152  
 CODEN: KEIGAS; ISSN: 0368-5179

L9 ANSWER 14 OF 28 CAPLUS COPYRIGHT 2007 ACS on STN  
 IN Ziegler, Robin; Cheng, Seng; Marshall, John; Goldberg, Mark  
 TI Methods for treatment of lysosomal storage diseases  
 SO PCT Int. Appl., 25 pp.  
 CODEN: PIXXD2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001060377	A2	20010823	WO 2001-US3875	20010206
WO 2001060377	A3	20020418		
W: AU, CA, JP				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
US 2001031741	A1	20011018	US 2001-777743	20010206
US 2004110709	A1	20040610	US 2003-632302	20030801

L9 ANSWER 15 OF 28 CAPLUS COPYRIGHT 2007 ACS on STN  
 IN Miyamura, Nobuhiro  
 TI Protein and cDNA sequences of truncated human  $\alpha$ -galactosidase A and uses thereof in treatment of Fabry disease  
 SO U.S., 51 pp.  
 CODEN: USXXAM

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6210666	B1	20010403	US 1998-176666	19981021

L9 ANSWER 16 OF 28 CAPLUS COPYRIGHT 2007 ACS on STN  
 IN Davidson, Beverly L.; Jolly, Douglas J.; Sauter, Sybille L.; Ghodsi, Adbi; Stein, Colleen S.; Derksen, Todd A.; Dubensky, Thomas W., Jr.  
 TI Recombinant gene delivery vectors for treating or preventing lysosomal storage disorders  
 SO PCT Int. Appl., 52 pp.  
 CODEN: PIXXD2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000073482	A1	20001207	WO 2000-US14582	20000526
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2375123	A1	20001207	CA 2000-2375123	20000526
EP 1183384	A1	20020306	EP 2000-937832	20000526
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2003523174	T	20030805	JP 2001-500794	20000526
US 6730297	B1	20040504	US 2000-580820	20000526
US 2003223963	A1	20031204	US 2003-356272	20030131
US 7034010	B2	20060425		

L9 ANSWER 17 OF 28 CAPLUS COPYRIGHT 2007 ACS on STN  
 IN Selden, Richard F.; Borowski, Marianne; Kinoshita, Carol M.; Treco,

TI Douglas A.; Williams, Melanie D.; Schuetz, Thomas J.; Daniel, Peter F.  
 Methods for modification of  $\alpha$ -galactosidase A  
 glycosylation, for purification of enzyme, and for treatment of  
 Fabry disease  
 SO PCT Int. Appl., 92 pp.  
 CODEN: PIXXD2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000053730	A2	20000914	WO 2000-US6118	20000309
WO 2000053730	A3	20010315		
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 6458574	B1	20021001	US 1999-266014	19990311
CA 2365923	A1	20000914	CA 2000-2365923	20000309
AU 200035194	A	20000928	AU 2000-35194	20000309
EP 1163349	A2	20011219	EP 2000-913825	20000309
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002538183	T	20021112	JP 2000-603353	20000309
RU 2248213	C2	20050320	RU 2001-127533	20000309
NO 2001004415	A	20011112	NO 2001-4415	20010911
AU 762400	B2	20030626	AU 2001-93403	20011123
AU 2003220717	A1	20030814	AU 2003-220717	20030722
AU 2004242550	A1	20050127	AU 2004-242550	20041231

L9 ANSWER 18 OF 28 CAPLUS COPYRIGHT 2007 ACS on STN  
 IN Yew, Nelson S.; Ziegler, Robin J.; Cheng, Seng H.  
 TI Compositions and methods for treating lysosomal  
 storage disease  
 SO PCT Int. Appl., 54 pp.  
 CODEN: PIXXD2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000009153	A1	20000224	WO 1998-US22886	19981029
W: AU, CA, IL, JP				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
CA 2305768	A1	20000224	CA 1998-2305768	19981029
AU 9912847	A	20000306	AU 1999-12847	19981029
AU 734290	B2	20010607		
US 6066626	A	20000523	US 1998-182245	19981029
EP 1027069	A1	20000816	EP 1998-956290	19981029
EP 1027069	B1	20060726		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY				
JP 2002522509	T	20020723	JP 2000-564655	19981029
EP 1658857	A1	20060524	EP 2006-833	19981029
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY				
AT 333893	T	20060815	AT 1998-956290	19981029
US 2003087868	A1	20030508	US 2002-244700	20020913

L9 ANSWER 19 OF 28 CAPLUS COPYRIGHT 2007 ACS on STN  
 AU Ohshima, Toshio; Schiffmann, Raphael; Murray, Gary J.; Kopp, Jeffrey;  
 Quirk, Jane M.; Stahl, Stefanie; Chan, Chi-Chao; Zervas, Patricia;  
 Tao-Cheng, Jung-Hwa; Ward, J. M.; Brady, Roscoe O.; Kulkarni, Ashok B.  
 TI Aging accentuates and bone marrow transplantation ameliorates  
 metabolic defects in Fabry disease mice

SO Proceedings of the National Academy of Sciences of the United States of America (1999), 96(11), 6423-6427  
CODEN: PNASA6; ISSN: 0027-8424

L9 ANSWER 20 OF 28 MEDLINE on STN

AU Suzuki T; Fujino T; Sugasawa M; Kohara Y; Toyama K; Sato T; Yasuda T; Sugiyama M; Maeba T; Owada S; Ishida M

TI A case of Fabry's disease with chronic renal failure.

SO Nippon Jinzo Gakkai shi, (1999 Jun) Vol. 41, No. 4, pp. 448-53.  
Journal code: 7505731. ISSN: 0385-2385.

L9 ANSWER 21 OF 28 CAPLUS COPYRIGHT 2007 ACS on STN

AU Okumiya, Toshika; Kawamura, Osamu; Itoh, Kohji; Kase, Ryoichi; Ishii, Satoshi; Kamei, Sachiko; Sakuraba, Hitoshi

TI Novel missense mutation (M72V) of  $\alpha$ -galactosidase gene and its expression product in an atypical Fabry hemizygote

SO Human Mutation (1998), (Suppl. 1), S213-S216  
CODEN: HUMUE3; ISSN: 1059-7794

L9 ANSWER 22 OF 28 CAPLUS COPYRIGHT 2007 ACS on STN

AU Miyamura, Nobuhiro; Araki, Eiichi; Matsuda, Kohji; Yoshimura, Ryouhei; Furukawa, Noboru; Tsuruzoe, Kaku; Shirotani, Tetsuya; Kishikawa, Hideki; Yamaguchi, Kohei; Shichiri, Motoaki

TI A carboxy-terminal truncation of human  $\alpha$ -galactosidase A in a heterozygous female with Fabry disease and modification of the enzymic activity by the carboxy-terminal domain: increased, reduced, or absent enzyme activity depending on number of amino acid residues deleted

SO Journal of Clinical Investigation (1996), 98(8), 1809-1817  
CODEN: JCINAO; ISSN: 0021-9738

L9 ANSWER 23 OF 28 CAPLUS COPYRIGHT 2007 ACS on STN

IN Desnick, Robert J.; Bishop, David F.; Ioannou, Yiannis A.

TI Cloning and expression of biologically active  $\alpha$ -galactosidase A

SO U.S., 73 pp. Cont.--in-part of U.S. Ser. No. 602,824.  
CODEN: USXXAM

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5401650	A	19950328	US 1992-983451	19921130
US 5356804	A	19941018	US 1990-602824	19901024
US 5382524	A	19950117	US 1990-602608	19901024
EP 1375665	A1	20040102	EP 2003-11061	19911023
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
CA 2150555	A1	19940609	CA 1993-2150555	19931130
WO 9412628	A1	19940609	WO 1993-US11539	19931130
W: AU, BB, BG, BR, BY, CA, CZ, FI, HU, JP, KR, KZ, LK, LV, MG, MN, MW, NO, NZ, PL, RO, RU, SD, SK, UA, UZ				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9456817	A	19940622	AU 1994-56817	19931130
AU 691795	B2	19980528		
EP 670896	A1	19950913	EP 1994-902448	19931130
EP 670896	B1	20020206		
EP 670896	B2	20050427		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
JP 08503615	T	19960423	JP 1994-513423	19931130
EP 1020528	A2	20000719	EP 2000-200454	19931130
EP 1020528	A3	20001004		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE				
AT 213020	T	20020215	AT 1994-902448	19931130
ES 2168101	T3	20020601	ES 1994-902448	19931130
PT 670896	T	20020731	PT 1994-902448	19931130
US 5580757	A	19961203	US 1994-261577	19940617
JP 2004121260	A	20040422	JP 2003-401467	20031201

L9 ANSWER 24 OF 28 MEDLINE on STN DUPLICATE 5  
 AU Schmidt B; Selmer T; Ingendoh A; von Figura K  
 TI A novel amino acid modification in sulfatases that is defective  
 in multiple sulfatase deficiency.  
 SO Cell, (1995 Jul 28) Vol. 82, No. 2, pp. 271-8.  
 Journal code: 0413066. ISSN: 0092-8674.

L9 ANSWER 25 OF 28 CAPLUS COPYRIGHT 2007 ACS on STN  
 IN Desnick, Robert J.; Bishop, David F.; Ioannou, Yiannis A.  
 TI Biologically active human  $\alpha$ -galactosidase A and its  
 manufacture by expression of the cloned gene  
 SO PCT Int. Appl., 154 pp.  
 CODEN: PIXXD2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9412628	A1	19940609	WO 1993-US11539	19931130
W: AU, BB, BG, BR, BY, CA, CZ, FI, HU, JP, KR, KZ, LK, LV, MG, MN, MW, NO, NZ, PL, RO, RU, SD, SK, UA, UZ				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
US 5401650	A	19950328	US 1992-983451	19921130
AU 9456817	A	19940622	AU 1994-56817	19931130
AU 691795	B2	19980528		
EP 670896	A1	19950913	EP 1994-902448	19931130
EP 670896	B1	20020206		
EP 670896	B2	20050427		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
JP 08503615	T	19960423	JP 1994-513423	19931130
AT 213020	T	20020215	AT 1994-902448	19931130

L9 ANSWER 26 OF 28 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN  
 AU Inagaki, Masumi; Tohyama, Jun; Nanba, Eiji  
 TI Clinical, molecular and cellular pathophysiology of Fabry disease.  
 SO Yonago Acta Medica, (1993) Vol. 36, No. 1, pp. 47-62.  
 CODEN: YOAMAQ. ISSN: 0513-5710.

L9 ANSWER 27 OF 28 CAPLUS COPYRIGHT 2007 ACS on STN  
 IN Calhoun, David H.; Coppola, George  
 TI Recombinant manufacture of human  $\alpha$ -galactosidase for  
 treatment of Fabry's disease  
 SO PCT Int. Appl., 43 pp.  
 CODEN: PIXXD2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9011353	A1	19901004	WO 1990-US1571	19900323
RW: AT, BE, CH, DE, DK, ES, FR, GB, IT, LU, NL, SE				
EP 463109	A1	19920102	EP 1990-905932	19900323
R: AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, LU, NL, SE				
US 5179023	A	19930112	US 1990-520312	19900507
US 5658567	A	19970819	US 1993-155734	19931122
US 6461609	B1	20021008	US 1997-790491	19970129
US 2004247585	A1	20041209	US 2002-234524	20020904
US 7011831	B2	20060314		

L9 ANSWER 28 OF 28 MEDLINE on STN DUPLICATE 6  
 AU Waheed A; Hasilik A; von Figura K  
 TI Enhanced breakdown of arylsulfatase A in multiple sulfatase  
 deficiency.  
 SO European journal of biochemistry / FEBS, (1982 Apr 1) Vol. 123, No. 2, pp. 317-21.  
 Journal code: 0107600. ISSN: 0014-2956.

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<u>L4</u>	(treat\$ or inhibit\$ or decreas\$ or reduc\$ or ameliorat\$) near8 l1	428	<u>L4</u>
<u>L3</u>	(gene or dna or nucleic adj acid or polynucleotide or cdna) near8 l2	20159	<u>L3</u>
<u>L2</u>	lysosomal near4 hydrolase or galactosidase or sulfatase or neuraminidase or ceramidase or glucosaminidase or glucuronidase or glucosidase or fucosidase	59188	<u>L2</u>
<u>L1</u>	(lysosomal or fabry) near3 (disease or disorder)	1848	<u>L1</u>

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- 
- ☐ 1. [20060105982](#). 28 Dec 05. 18 May 06. Non-invasive gene targeting to ocular cells. Pardridge; William M.. 514/44; 424/450 977/907 A61K48/00 20060101 A61K9/127 20060101
- 
- ☐ 2. [20050215775](#). 02 Nov 04. 29 Sep 05. 70 human secreted proteins. Ruben, Steven M., et al. 536/23.2; 435/183 435/320.1 435/325 435/6 435/69.1 530/350 C12Q001/68 C07H021/04 C12N009/00 C12P021/06.
- 
- ☐ 3. [20040247585](#). 04 Sep 02. 09 Dec 04. Recombinant alpha-galactosidase a therapy for fabry disease. Calhoun, David Hudgins, et al. 424/94.61; A61K038/47.
- 
- ☐ 4. [20040204379](#). 16 Jan 04. 14 Oct 04. Combination enzyme replacement, gene therapy and small molecule therapy for lysosomal storage diseases. Cheng, Seng H., et al. 514/44; A61K048/00.
- 
- ☐ 5. [20040033217](#). 28 May 03. 19 Feb 04. Intraperitoneal delivery of genetically engineered mesenchymal stem cells. Vanguri, Padmavathy, et al. 424/93.21; 435/366 A61K048/00 C12N005/08.
- 
- ☐ 6. [20030109037](#). 24 Sep 02. 12 Jun 03. Methods for application of genetically-modified endogenous or exogenous stem/progenitor or their progeny for treatment of disease. Reid, Christopher Brian, et al. 435/366; C12N005/08.
- 
- ☐ 7. [20030027132](#). 04 Sep 98. 06 Feb 03. Secreted Protein HODAZ50. RUBEN, STEVEN M., et al. 435/6; 435/252.3 435/320.1 435/325 435/7.1 514/2 514/44 536/23.1 536/6 A01N037/18 A61K038/00 C07J001/00 C12Q001/68 G01N033/53 C07H021/02 C07H021/04 A61K031/70 A01N043/04 C12N001/20 C12N015/00 C12N015/09 C12N015/63 C12N015/70 C12N015/74 C12N005/00 C12N005/02.
- 
- ☐ 8. [20020164669](#). 19 Oct 01. 07 Nov 02. Secreted protein HRGDF73. Ruben, Steven M., et al. 435/7.92; 435/188.5 530/387.3 G01N033/53 G01N033/537 G01N033/543 C12N009/00 C07K016/46.
- 
- ☐ 9. [20020054902](#). 19 Dec 01. 09 May 02. Non-invasive gene targeting to ocular cells. Pardridge, William M.. 424/450; 435/458 514/44 A61K048/00 A61K009/127 C12N015/88.
- 
- ☐ 10. [7090864](#). 19 Dec 01; 15 Aug 06. Non-invasive gene targeting to ocular cells. Pardridge; William M.. 424/450; 424/9.1 424/9.2. A61K9/127 20060101 .
- 
- ☐ 11. [7053190](#). 19 Oct 01; 30 May 06. Secreted protein HRGDF73. Ruben; Steven M., et al. 530/388.24; 530/388.73 530/389.2 530/389.6. C07K14/705 20060101 C07K16/28 20060101 .
- 
- ☐ 12. [7011831](#). 04 Sep 02; 14 Mar 06. Recombinant .alpha.-galactosidase A therapy for Fabry disease. Calhoun; David Hudgins, et al. 424/94.61; 435/208 435/320.1. A61K38/47 20060101 C12N15/00 20060101 C12N9/40 20060101 .
- 
- ☐ 13. [6878687](#). 20 Jul 00; 12 Apr 05. Protein HMAAD57. Ruben; Steven M., et al. 514/12; 435/252.3 435/320.1 435/325 435/366 435/69.1 435/69.7 514/2 530/350 530/387.1 536/23.1. A61K038/00 C07K014/00 C07H021/04 .
-

☐ 14. 6590075. 04 Sep 98; 08 Jul 03. Secreted protein HODAZ50. Ruben; Steven M., et al. 530/350; 435/6 435/69.1 435/7.1 536/23.1. C07K001/00 .

☐ 15. 6461609. 29 Jan 97; 08 Oct 02. Recombinant .alpha.-galactosidase a therapy for Fabry disease. Calhoun; David Hudgins, et al. 424/94.61; 435/208 435/320.1. A61K038/47 C12N009/40 C12N015/00 .

☐ 16. 6372250. 25 Apr 00; 16 Apr 02. Non-invasive gene targeting to the brain. Pardridge; William M.. 424/450; 435/458 514/44 977/907. A61K009/127 A61K048/00 C12N015/88 .

☐ 17. 5658567. 22 Nov 93; 19 Aug 97. Recombinant .alpha.-galactosidase A therapy for Fabry disease. Calhoun; David Hudgins, et al. 424/94.61; 435/208. A61K038/46 A61K038/47 C12N009/40 C12N015/54 .

☐ 18. 5179023. 07 May 90; 12 Jan 93. Recombinant .alpha.-galactosidase a therapy for Fabry disease. Calhoun; David H., et al. 435/235.1; 435/208 435/320.1 435/348 536/23.2. C12N015/00 C12N009/40 C12N015/06 C12N015/86 .

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